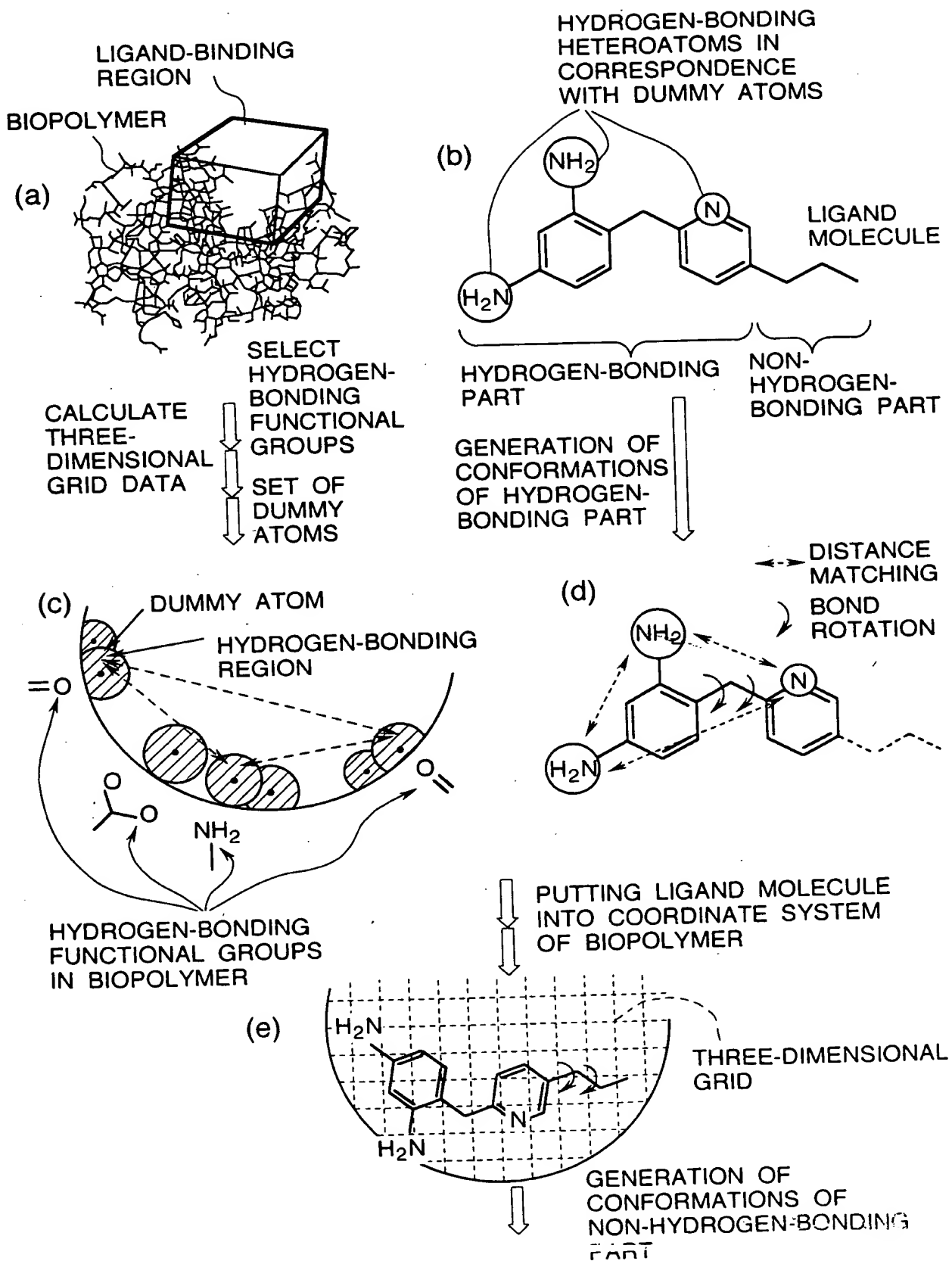


FIG. 1



00960" 5E495960

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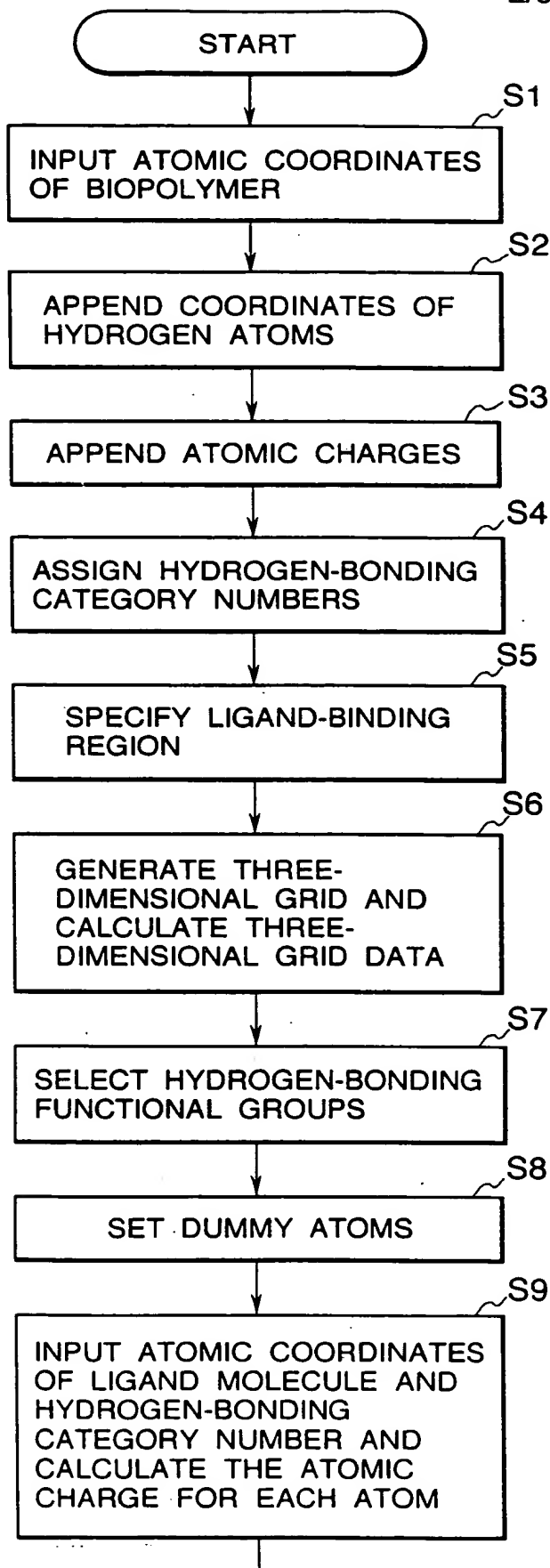


FIG. 2A

FIG. 2

FIG. 2A

FIG. 2B

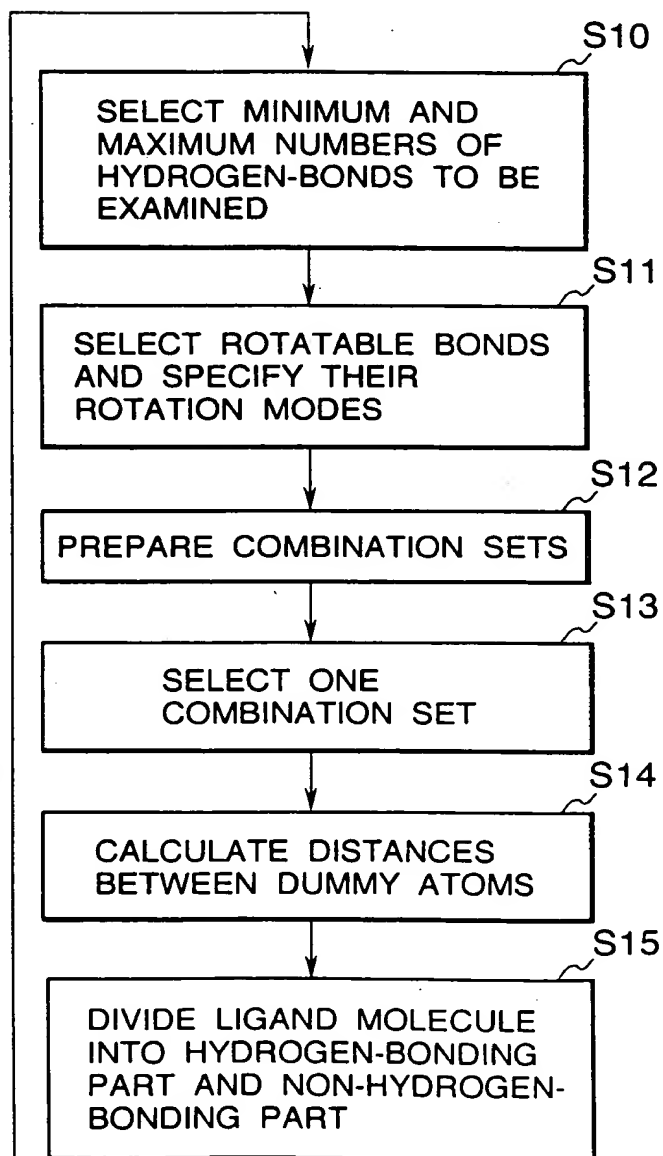
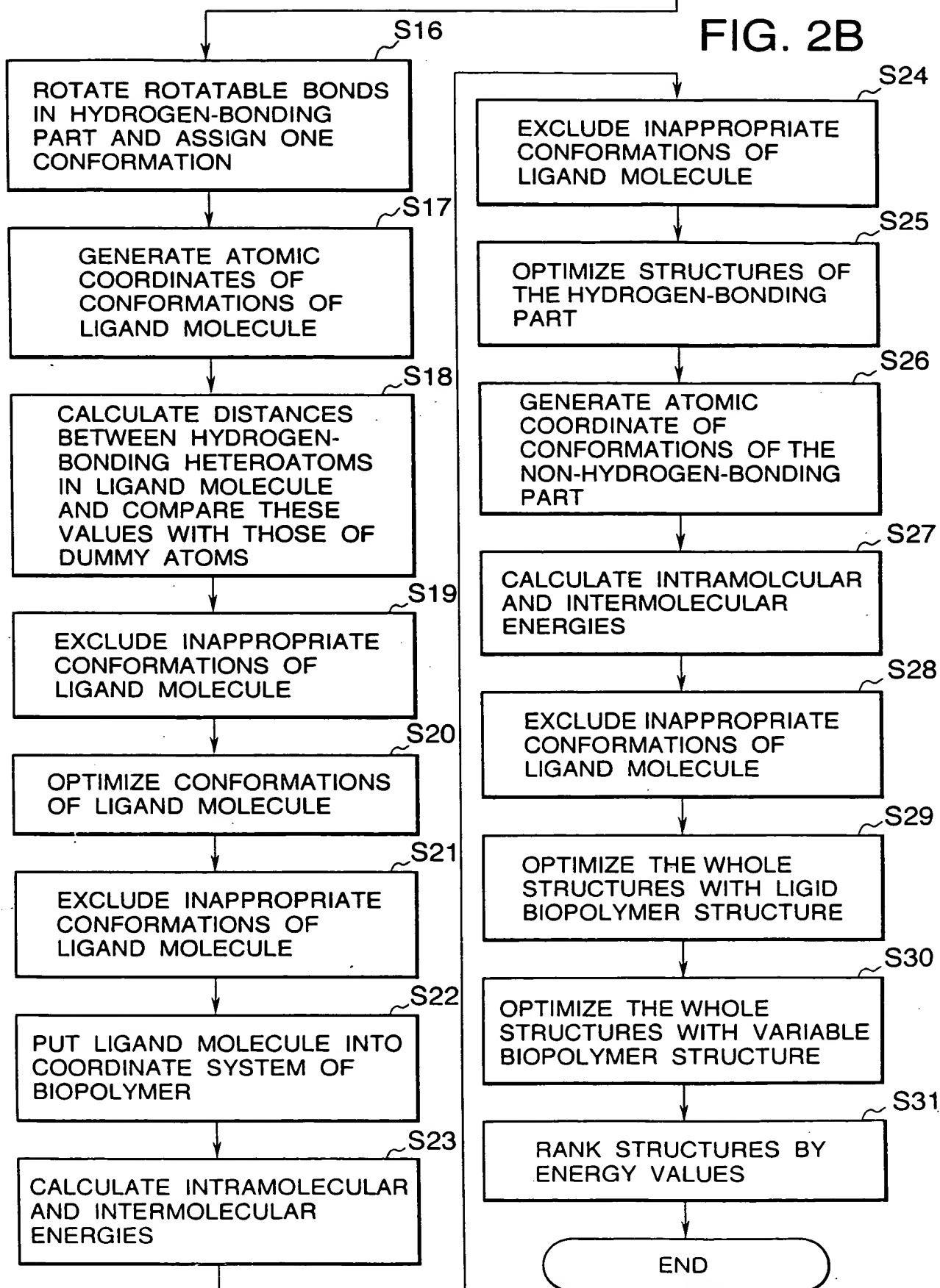


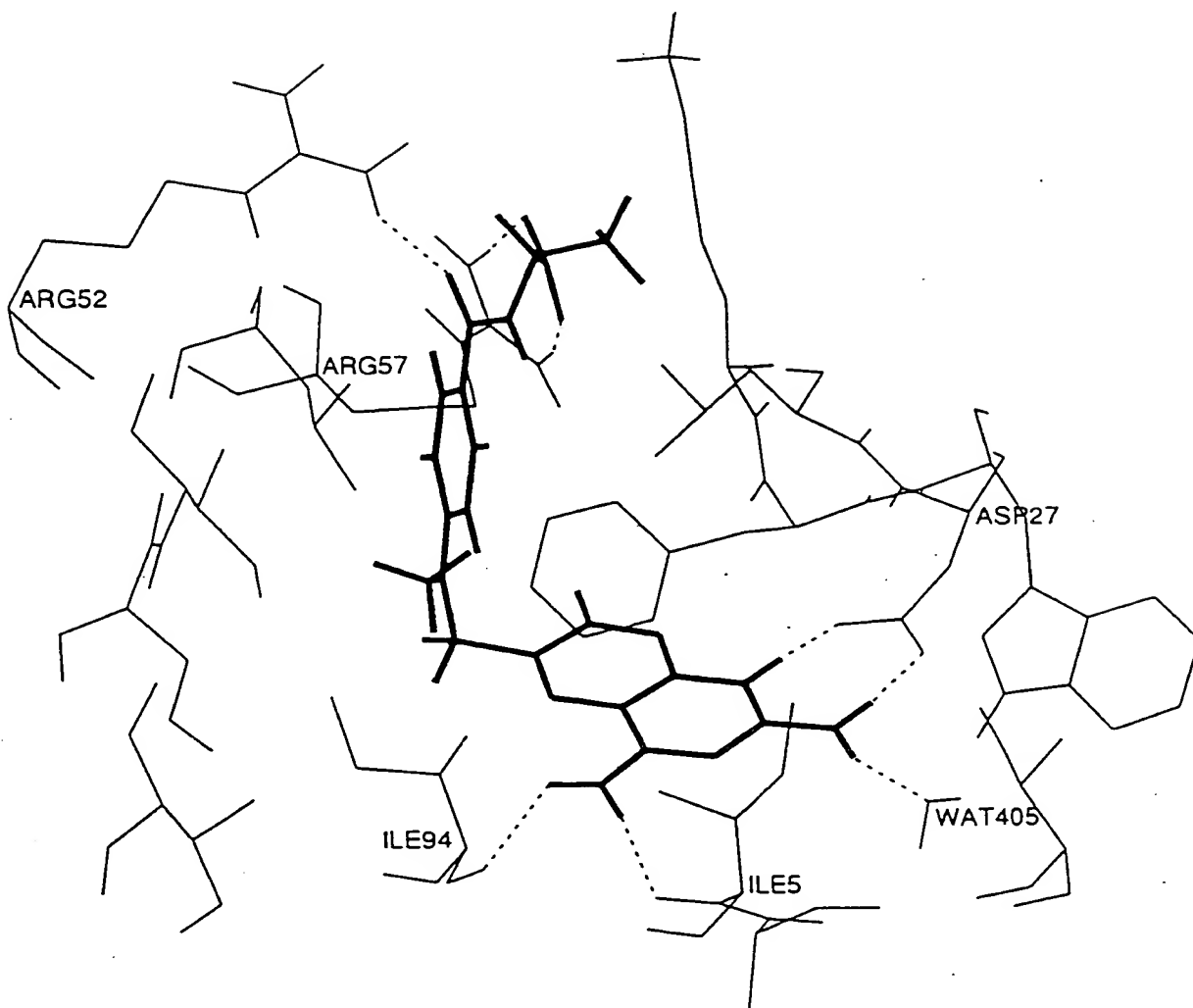
FIG. 2B



| | | |
|-----------|-----------|----------|
| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

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FIG. 4



009060" 5E795960

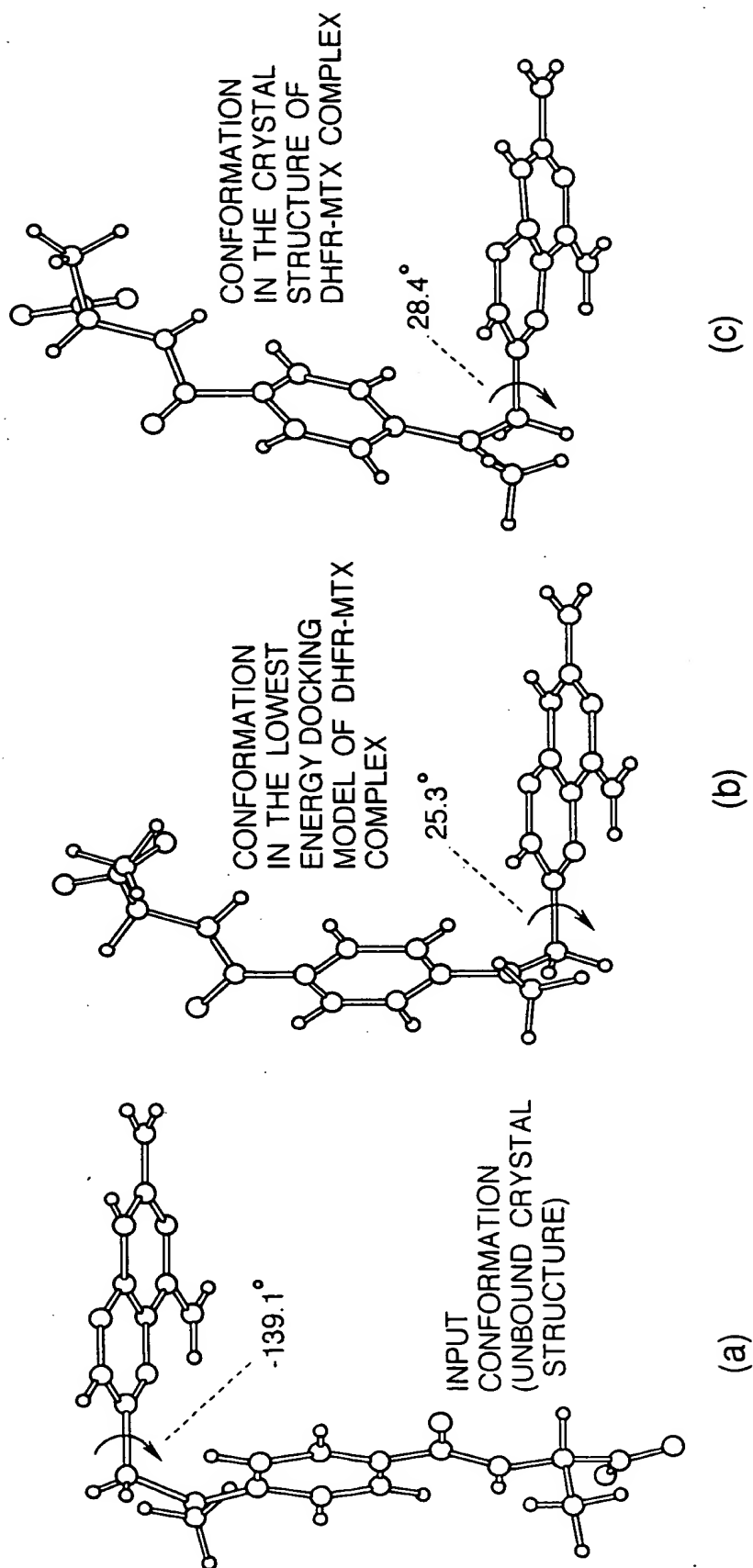
009060" 52493960

| | | |
|-----------|-----------|----------|
| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

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FIG. 5

CONFORMATION OF METHOTREXATE



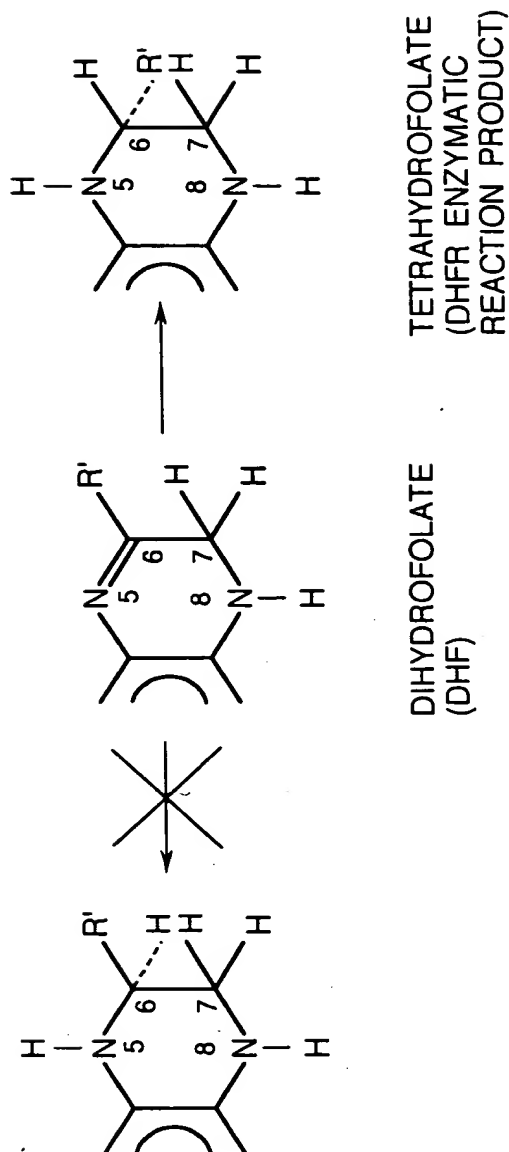
009060" 5495960

| | | |
|-----------|-----------|----------|
| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

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FIG. 6

STEREOSPECIFICITY
OF DHFR ENZYMATIC
REACTION

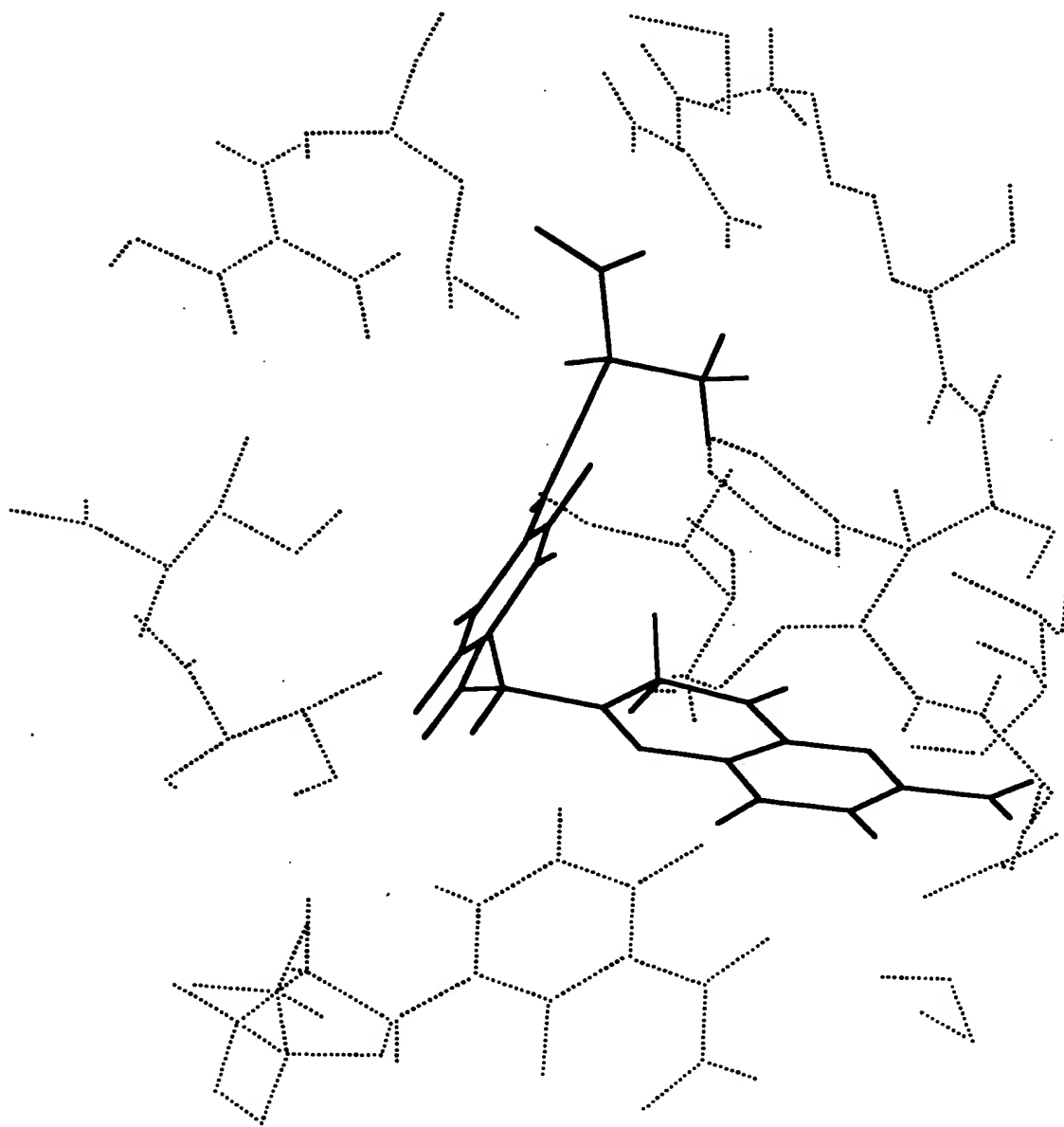


| | | |
|-----------|-----------|----------|
| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

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FIG. 7

THE LOWEST ENERGY DOCKING MODEL OF DHFR-DHF COMPLEX



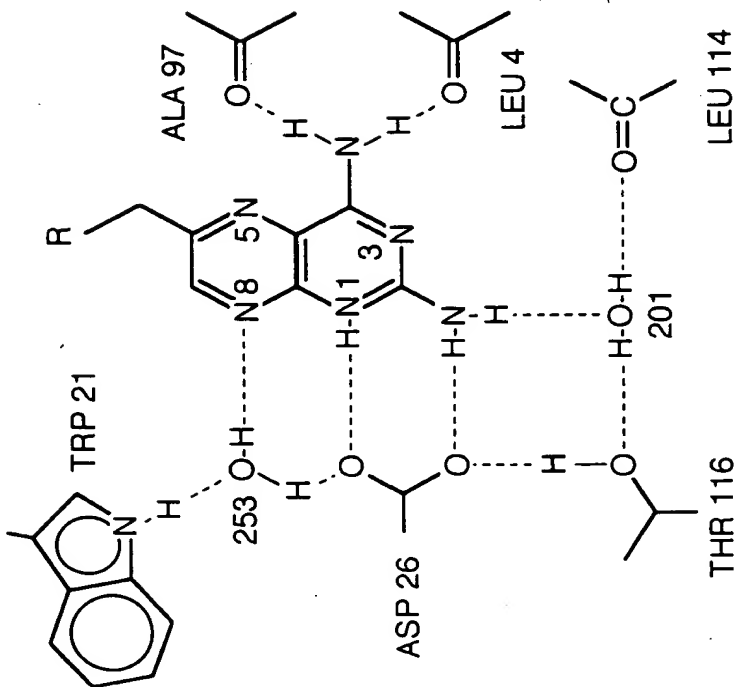
009060" 5495960

| | | |
|-----------|-----------|----------|
| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

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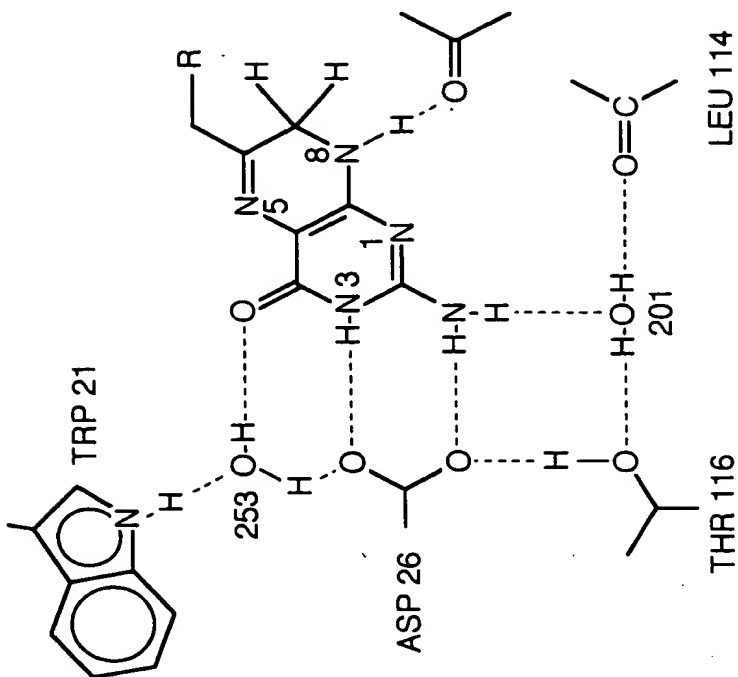
FIG. 8

BINDING MODE OF MTX IN THE CRYSTAL
STRUCTURE OF DHFR-MTX COMPLEX



(a)

BINDING MODE OF DHF PREDICTED
FROM THE STEREOSPECIFICITY OF
DHFR ENZYMAIC REACTION PRODUCT



(b)